

comprising:

a container for the reception therein of the feed;

5 said container including:

a housing;

10 a wall extending away from said housing, such that substantially all of said wall is
disposed above said housing, said wall defining an opening disposed above and remote
from said housing for the reception therethrough of the feed, the arrangement being such
that said housing and said wall define therebetween an enclosure for the feed received
through said opening;

15 an auger disposed within said enclosure, said auger having an axis of rotation extending
substantially vertically through said housing;

said auger including:

20 a core;

flighting connected to said core so that when said auger rotates, feed disposed
within said enclosure is mixed;

said flighting including:

a first portion;

5 a second portion staggered relative to said first portion such that
movement of the feed between said first and second portions is interrupted ;

10 said first portion having a first and a second end, said first end being disposed adjacent to
said housing;

15 said second portion having a first and a second extremity, said first extremity being
disposed in an adjacent spaced relationship relative to said second end of said first
portion such that the feed moves from said housing towards said opening;

a substantially horizontally disposed drive pinion; and

20 a final driven wheel driven by said drive pinion and disposed substantially horizontally
within said housing, said pinion and final driven wheel intermeshing, said final driven
wheel being rotatable about said axis of rotation, said final driven wheel being drivingly
connected to said auger so that when said final driven wheel is rotated within said
housing, said auger is rotated therewith within said enclosure for mixing the feed.

Please amend claim 5 as follows:

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5. (once amended) A mixer apparatus as set forth in claim 4 wherein

12 said container further includes:

10 a hitch bar secured to said frame for facilitating transportation of said mixer apparatus by a tractor.

1 Please cancel claim 21 without prejudice.

15 Please amend claim 39 as follows:

39 (once amended) A mixer apparatus as set forth in claim 36 wherein

13 said drive wheel is a drive gear pinion;

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said drive gear pinion having a plurality of teeth;

said final driven wheel being a gear wheel having gear teeth which intermesh with said

plurality of teeth of said drive gear pinion so that when said drive gear pinion is rotated, said final driven wheel and auger are rotated;

said mixer apparatus further including:

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a further final driven wheel, said further final driven wheel being a further gear wheel having further gear teeth which are driven by said final driven wheel so that when said drive gear pinion is rotated, said final driven wheel and auger are rotated and said further final driven wheel and further auger are rotated.

Please amend claim 40 as follows:

40 (once amended) A mixer apparatus as set forth in claim 30 wherein

15 said drive wheel is a first drive sprocket;

said mixer apparatus further including:

a second drive sprocket secured to said first drive sprocket and disposed coaxially relative
20 to said first drive sprocket;

a drive extending around said first drive sprocket and said final driven wheel so that when said first drive sprocket is rotated, said drive rotates said final driven wheel;

a further final driven wheel, said further final driven wheel being a further driven sprocket wheel;

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a further drive extending around said second drive sprocket and said further final driven
5 wheel so that when said second drive sprocket is rotated, said further drive rotates said further final driven wheel.

Please amend claim 42 as follows:

10 42 (once amended) A mixer apparatus as set forth in claim 5 wherein

said plurality of wheels includes:

a first wheel;

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a second wheel disposed spaced and coaxial relative to said first wheel;

a first load cell disposed between said first wheel and said frame;

20 a second load cell disposed between said second wheel and said frame;

a third load cell having a first and a second end, said first end of said third load cell being secured to said frame;

a clevis attached to said second end of said third load cell, said clevis being rotatable about
 a longitudinal axis of said third load cell and a tractor drawbar attached to said clevis, the
 arrangement being such that during a weighing operation which is dependent on
 measurements from said first, second and third load cells, said rotatable clevis is connected
 to the tractor.

Please amend claim 45 as follows:

45 (once amended) A mixer apparatus for mixing livestock feed, said apparatus
 comprising:

a container for the reception therein of the feed;

said container including:

a housing;

a wall extending away from said housing, such that substantially all of said wall is disposed
 above said housing, said wall defining an opening disposed above and remote from said
 housing for the reception therethrough of the feed, the arrangement being such that said
 housing and said wall define therebetween an enclosure for the feed received through said
 opening;

an auger disposed within said enclosure, said auger having an axis of rotation extending substantially vertically through said housing;

said auger including:

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a core;

flighting connected to said core so that when said auger rotates, feed disposed within said enclosure is mixed;

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said flighting including:

a first portion;

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a second portion staggered relative to said first portion such that movement of the feed between said first and second portions is interrupted;

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said first portion having a first and a second end, said first end being disposed adjacent to said housing;

said second portion having a first and a second extremity, said first extremity being disposed in an adjacent spaced relationship relative to said second end of said first portion;

a final driven wheel disposed within said housing, said final driven wheel being rotatable about said axis of rotation, said final driven wheel being drivingly connected to said auger so that when said final driven wheel is rotated within said housing, said auger is rotated therewith within said enclosure for mixing the feed;

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said final driven wheel and said auger together as a unit being removable and replaceable relative to said housing and enclosure respectively, the arrangement being such that when said final driven wheel and said auger are together as said unit removed, direct access to said final driven wheel is permitted;

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said final driven wheel being a driven pulley wheel;

a drive wheel which is a first drive pulley;

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said mixer apparatus further including:

a second drive pulley secured to said first drive pulley and disposed coaxially relative to said first drive pulley;

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a drive extending around said first drive pulley and said final driven wheel so that when said first drive pulley is rotated, said drive rotates said final driven wheel;

a further final driven wheel, said further final driven wheel being a further driven pulley